



Recombinant Zea mays Polyamine oxidase (PAO)

Product Code	CSB-EP524626ZAX-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O64411
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	AT VGPRVIVVGA GMSGISAAGR LSEAGITDLL ILEATDHIGG RMHKTNFAGI NVELGANWVE GVNGGKMNPI WPIVNSTLKL RNFRSDFDYL AQNVYKEDGG VYDEDYVQKR IELADSV EEM GEKLSATLHA SGRDDMSILA MQRLEHQP N GPATPVDMMV DYYKFDYEFA EPPRVTSLQN TVPLATFSDF GDDVYFVADQ RGYEAVVYYL AGQYLKTDDK SGKIVDPRLQ LNKVVREIKY SPGGVTVKTE DNSVYSADYV MVSASLGLVQ SDLIQFKPKL PTWKVRAIQ FDMAVYTKIF LKFPKFWPE GKGREFFLYA SSRGYYGVW QEFKQYPDA NVLLVTVTDE ESRRIEQQSD EQTKAEIMQV LRKMFP GKDV PDATDILVPR WWSDFRYKGT FSNWPVGVNR YEYDQLRAPV GRVYFTGEHT SEHYNGYVHG AYLSGIDSAE ILINCAQKKM CKYHVQ GK YD
Source	E.coli
Target Names	PAO
Protein Names	Recommended name: Polyamine oxidase EC= 1.5.3.14 EC= 1.5.3.15
Expression Region	29-500
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.